


STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION


FROM: Matt Urban
Wetlands Program Manager

DATE: July 12, 2016

AT (OFFICE): Department of
Transportation

SUBJECT Dredge & Fill Application
Minimum Impact Expedited
Enfield, 2016-M205-5

Bureau of
Environment

TO Gino Infascelli, Public Works Permitting Officer
New Hampshire Wetlands Bureau
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095

Forwarded herewith is the application package prepared by NH DOT Highway Maintenance District 2 for the subject minimum impact project. This project is classified as minimum per Env-Wt 303.04(f). The project is located on Shaker Hill Rd in the Town of Enfield. The proposed work consists of removing a 12" existing CMP. Along existing ditches a 15" perforated HDPE drain line will be buried under the ditch and connected to a new catch basin. The ditches will be restored over the new perforated pipe.

This project was not reviewed at a Natural Resource Agency Meeting.

This project has no permanent linear feet of impact to streams and does not exceed the threshold for otherwise triggering mitigation and therefore no mitigation is proposed.

The lead people to contact for this project are Chris Turgeon, District 2 (448-2654) or cturgeon@dot.state.nh.us) or Matt Urban, Wetlands Program Manager, Bureau of Environment (271-3226 or murban@dot.state.nh.us).

A payment voucher has been processed for this application (Voucher # 448920) in the amount of \$200.

If and when this application meets with the approval of the Bureau, please send the permit directly to Matt Urban, Wetlands Program Manager, Bureau of Environment.

MRU:mru
cc:
BOE Original
Town of Enfield (4 Copies via Certified Mail)
Darrel Elliott, Environmental Coordinator (electronic notification)
Chris Turgeon, District 2 (electronic Notification)

S:\Environment\PROJECTS\ENFIELD\2016-M205-5\WETAPP - District 2.doc

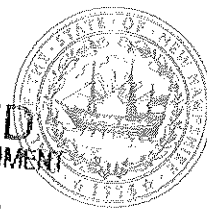


WETLANDS PERMIT APPLICATION

Water Division/ Wetlands Bureau
Land Resources Management

Check the status of your application: www.des.nh.gov/onestop

RECEIVED
BUREAU OF ENVIRONMENT



JUN 09 2016

RSA/Rule: RSA 482-A/ Env-Wt 100-900

| | | | |
|--|--|--|------------------------------------|
| | | | NH DEPARTMENT OF TRANSPORTATION |
| | | | |
| | | | |
| | | | |

1. REVIEW TIME:

Indicate your Review Time below. Refer to Guidance Document A for instructions.

☐ Standard Review (Minimum, Minor or Major Impact)

☒ Expedited Review (Minimum Impact only)

2. PROJECT LOCATION:

Separate applications must be filed with each municipality that jurisdictional impacts will occur in.

ADDRESS: N/A

TOWN/CITY: Enfield

TAX MAP: N/A

BLOCK: N/A

LOT: N/A

UNIT: NA

USGS TOPO MAP WATERBODY NAME:

☒ NA

STREAM WATERSHED SIZE:

☒ NA

LOCATION COORDINATES (If known): 43°38'16.17"N; 72° 8'21.20"W

☒

Latitude/Longitude ☐ UTM ☐ State Plane

3. PROJECT DESCRIPTION:

Provide a brief description of the project outlining the scope of work. Attach additional sheets as needed to provide a detailed explanation of your project. DO NOT reply "See Attached" in the space provided below.

Remove an existing 12" CMP culvert, install 15" perforated HDPE drain line and a new catch basin.

4. SHORELINE FRONTAGE

☒ NA This lot has no shoreline frontage.

SHORELINE FRONTAGE:

Shoreline frontage is calculated by determining the average of the distances of the actual natural navigable shoreline frontage and a straight line drawn between the property lines, both of which are measured at the normal high water line.

5. RELATED PERMITS, ENFORCEMENT, EMERGENCY AUTHORIZATION, SHORELAND, ALTERATION OF TERRAIN, ETC...

N/A

6. NATURAL HERITAGE BUREAU & DESIGNATED RIVERS:

See the Instructions & Required Attachments document for instructions to complete a & b below.

a. Natural Heritage Bureau File ID: NHB 16 - 1700

b. ☐ Designated River the project is in ¼ miles of _____; and
date a copy of the application was sent to the Local River Management Advisory Committee: Month: ___ Day: ___ Year: ___

☒ NA

shoreland@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

7. APPLICANT INFORMATION (Desired permit holder)LAST NAME, FIRST NAME, M.I.: **Turgeon, Christopher**TRUST / COMPANY NAME: **NH Dept. of Transportation**MAILING ADDRESS: **8 Eastman Hill Road**TOWN/CITY: **Enfield**STATE: **NH**ZIP CODE: **03748**EMAIL or FAX: **CTurgeon@dot.state.nh.us**PHONE: **603-448-2654**ELECTRONIC COMMUNICATION: By initialing here: CLT, I hereby authorize NHDES to communicate all matters relative to this application electronically**8. PROPERTY OWNER INFORMATION (If different than applicant)**

LAST NAME, FIRST NAME, M.I.:

TRUST / COMPANY NAME: **New Hampshire Dept. of Trans.**MAILING ADDRESS: **P.O. Box 483, 7 Hazen Drive**TOWN/CITY: **Concord**STATE: **NH**ZIP CODE: **03302**EMAIL or FAX: **CTurgeon@dot.state.nh.us**PHONE: **603-448-2654**ELECTRONIC COMMUNICATION: By initialing here CLT, I hereby authorize NHDES to communicate all matters relative to this application electronically**9. AUTHORIZED AGENT INFORMATION**

LAST NAME, FIRST NAME, M.I.:

COMPANY NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL or FAX:

PHONE:

ELECTRONIC COMMUNICATION: By initialing here _____, I hereby authorize NHDES to communicate all matters relative to this application electronically

10. PROPERTY OWNER SIGNATURE:

See the Instructions & Required Attachments document for clarification of the below statements

By signing the application, I am certifying that:

1. I authorize the applicant and/or agent indicated on this form to act in my behalf in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.
2. I have reviewed and submitted information & attachments outlined in the Instructions and Required Attachment document.
3. All abutters have been identified in accordance with RSA 482-A:3, I and Env-Wt 100-900.
4. I have read and provided the required information outlined in Env-Wt 302.04 for the applicable project type.
5. I have read and understand Env-Wt 302.03 and have chosen the least impacting alternative.
6. Any structure that I am proposing to repair/replace was either previously permitted by the Wetlands Bureau or would be considered grandfathered per Env-Wt 101.47.
7. I have submitted a Request for Project Review (RPR) Form (www.nh.gov/nhdhr/review) to the NH State Historic Preservation Officer (SHPO) at the NH Division of Historical Resources to identify the presence of historical/ archeological resources while coordinating with the lead federal agency for NHPA 106 compliance.
8. I authorize NHDES and the municipal conservation commission to inspect the site of the proposed project.
9. I have reviewed the information being submitted and that to the best of my knowledge the information is true and accurate.
10. I understand that the willful submission of falsified or misrepresented information to the New Hampshire Department of Environmental Services is a criminal act, which may result in legal action.
11. I am aware that the work I am proposing may require additional state, local or federal permits which I am responsible for obtaining.
12. The mailing addresses I have provided are up to date and appropriate for receipt of NHDES correspondence. NHDES will not



Property Owner Signature

Chris Turgeon

Print name legibly

05 / 27 / 2016


Date

MUNICIPAL SIGNATURES

11. CONSERVATION COMMISSION SIGNATURE

The signature below certifies that the municipal conservation commission has reviewed this application, and:

1. Waives its right to intervene per RSA 482-A:11;
2. Believes that the application and submitted plans accurately represent the proposed project; and
3. Has no objection to permitting the proposed work.

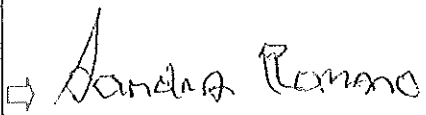
| | | |
|--|--|-------------------------------|
|  | Alan Strickland <small>Print name legibly</small> | 6/3/16 <small>Date</small> |
|--|--|-------------------------------|

DIRECTIONS FOR CONSERVATION COMMISSION

1. Expedited review ONLY requires that the conservation commission's signature is obtained in the space above.
2. Expedited review requires the Conservation Commission signature be obtained **prior** to the submittal of the original application to the Town/City Clerk for signature.
3. The Conservation Commission may refuse to sign. If the Conservation Commission does not sign this statement for any reason, the application is not eligible for expedited review and the application will reviewed in the standard review time frame.

12. TOWN / CITY CLERK SIGNATURE

As required by Chapter 482-A:3 (amended 2014), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.

| | | | |
|--|---|-------------------------------------|-------------------------------|
|  | Sandra Rommo <small>Print name legibly</small> | Enfield <small>Town/City</small> | 6-3-16 <small>Date</small> |
|--|---|-------------------------------------|-------------------------------|

DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3, I

1. For applications where "Expedited Review" is checked on page 1, if the Conservation Commission signature is not present, NHDES will accept the permit application, but it will NOT receive the expedited review time.
2. IMMEDIATELY sign the original application form and four copies in the signature space provided above;
3. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
4. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board; and
5. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:

1. Submit the single, original permit application form bearing the signature of the Town/ City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery.

13. IMPACT AREA:

For each jurisdictional area that will be/has been impacted, provide square feet and, if applicable, linear feet of impact

*Permanent: impacts that will remain after the project is complete.**Temporary: impacts not intended to remain (and will be restored to pre-construction conditions) after the project is complete.*

| JURISDICTIONAL AREA | PERMANENT Sq. Ft. / Lin. Ft. | TEMPORARY Sq. Ft. / Lin. Ft. |
|-------------------------------------|----------------------------------|---------------------------------|
| Forested wetland | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Scrub-shrub wetland | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Emergent wetland | 720 <input type="checkbox"/> ATF | 12 <input type="checkbox"/> ATF |
| Wet meadow | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Intermittent stream | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Perennial Stream / River | / <input type="checkbox"/> ATF | / <input type="checkbox"/> ATF |
| Lake / Pond | / <input type="checkbox"/> ATF | / <input type="checkbox"/> ATF |
| Bank - Intermittent stream | / <input type="checkbox"/> ATF | / <input type="checkbox"/> ATF |
| Bank - Perennial stream / River | / <input type="checkbox"/> ATF | / <input type="checkbox"/> ATF |
| Bank - Lake / Pond | / <input type="checkbox"/> ATF | / <input type="checkbox"/> ATF |
| Tidal water | / <input type="checkbox"/> ATF | / <input type="checkbox"/> ATF |
| Salt marsh | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Sand dune | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Prime wetland | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Prime wetland buffer | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Undeveloped Tidal Buffer Zone (TBZ) | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Previously-developed upland in TBZ | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Docking - Lake / Pond | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Docking - River | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| Docking - Tidal Water | <input type="checkbox"/> ATF | <input type="checkbox"/> ATF |
| TOTAL | 720 / | 12 / |

14. APPLICATION FEE: See the Instructions & Required Attachments document for further instruction☒ Minimum Impact Fee: Flat fee of \$ 200☐ Minor or Major Impact Fee: Calculate using the below table belowPermanent and Temporary (non-docking) 732 sq. ft. X \$0.20 = \$ 146.40

Temporary (seasonal) docking structure: _____ sq. ft. X \$1.00 = \$ _____

Permanent docking structure: _____ sq. ft. X \$2.00 = \$ _____

Projects proposing shoreline structures (including docks) add \$200 = \$ _____

Total = \$ _____

The Application Fee is the above calculated Total or \$200, whichever is greater = \$ 200

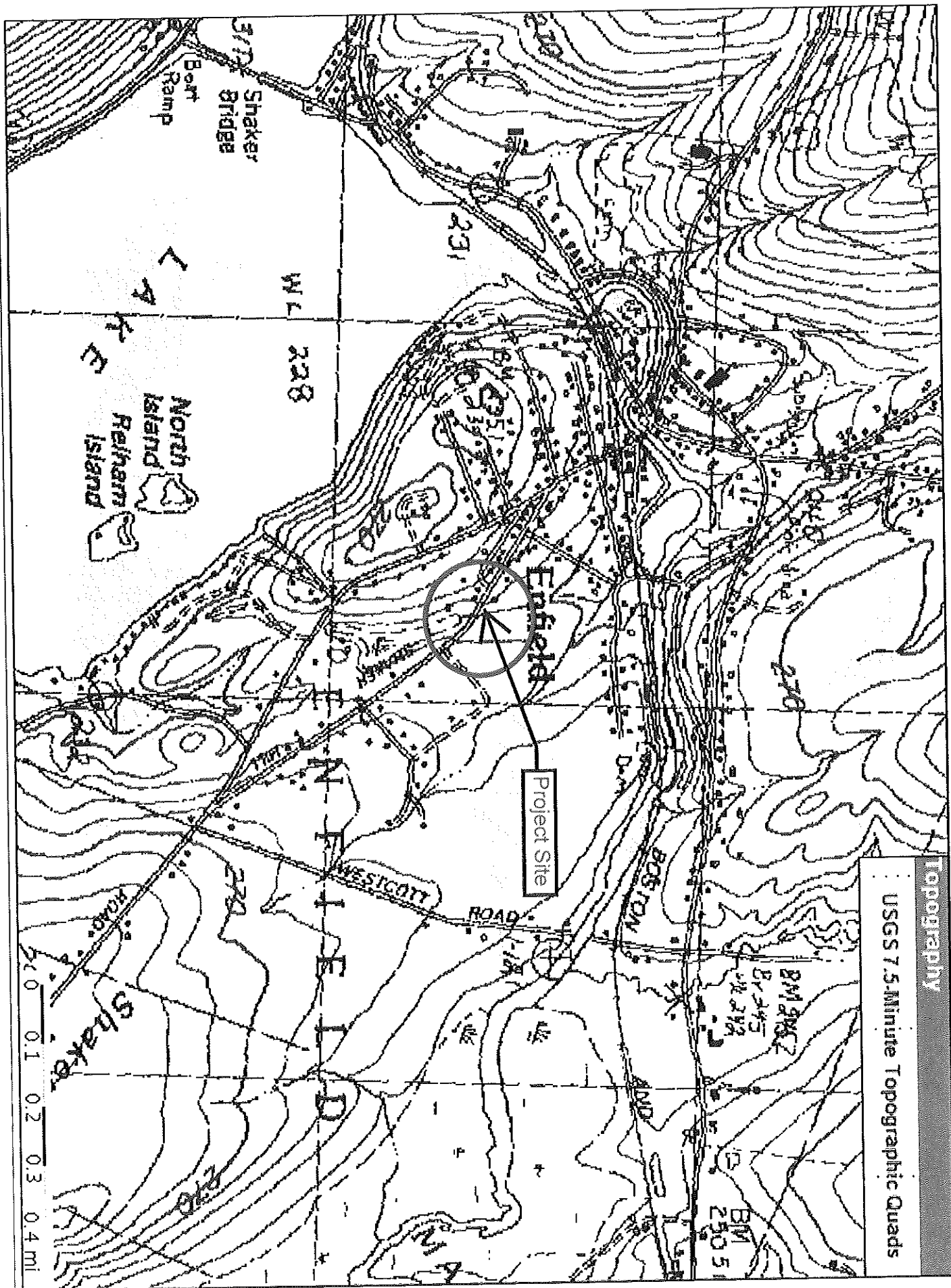
shoreland@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

Topography

USGS 7.5-Minute Topographic Quads



NH Wetlands Mapper
University of New Hampshire

UNH Cooperative Extension
GRANT, Earth Systems Research Center

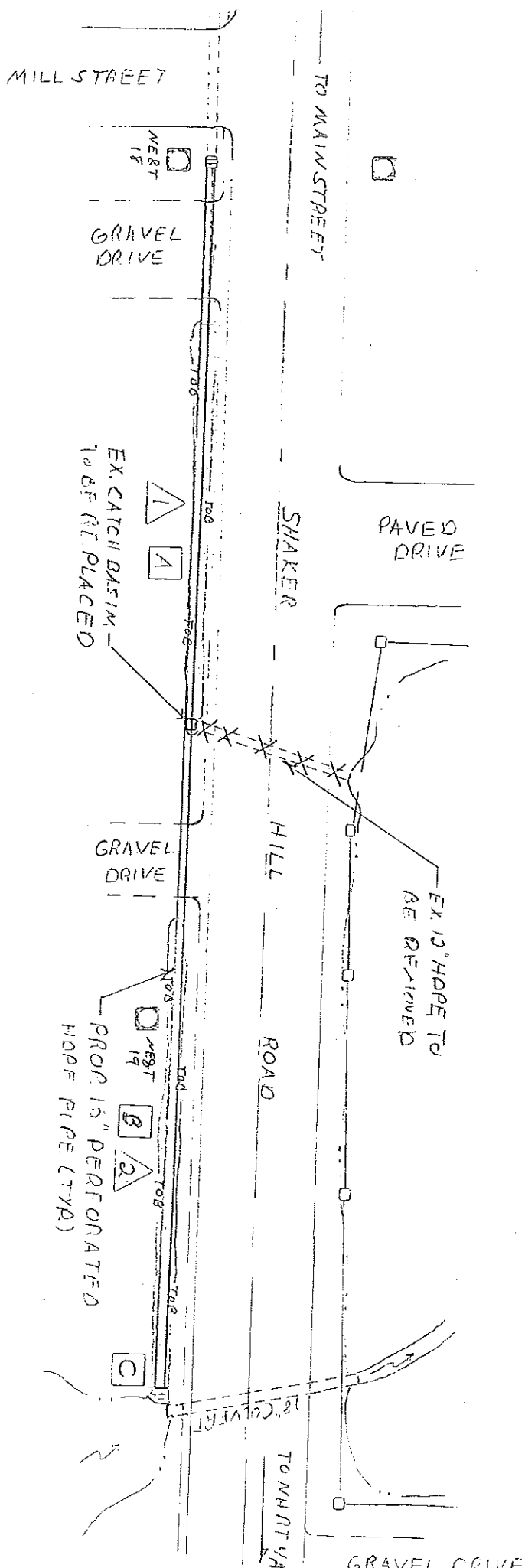
UNIVERSITY
of NEW HAMPSHIRE
Cooperative Extension

NH
GRANT

LEGEND

| TYPE OF WETLAND IMPACT | PERMANENT IMPACT | WETLAND DESIGNATION NUMBER |
|---|------------------|----------------------------|
| N.H.V.B. (NON-WETLAND) | | # |
| N.H.V.B. & A.C.O.E. (WETLAND) | | # |
| N.H.V.B. - NEW HAMPSHIRE WETLANDS BOARD A.C.O.E. - ARMY CORP. OF ENGINEERS | | |
| WETLAND | | WETLAND IMPACT LOCATION |
| TOP OF BANK | | WETLAND MITIGATION AREA |
| | | TEMPORARY IMPACTS |
| | | MITIGATION |

N
FIELD
SHAKENHILL RD
M205-5
5/29/16
ENCLT



| WETLAND DESIGNATION | USFWS WETLAND CLASSIFICATION | LOCATION | AREA (S.F.) | TEMPORARY IMPACTS |
|---------------------|------------------------------|------------------------|-------------------------------|-------------------|
| | | N.H.V.B. (NON-WETLAND) | N.H.V.B. & A.C.O.E. (WETLAND) | |
| | PEMTE | A | 336 | 12 |
| | PEMTE | B | 324 | |
| | | C | | |
| | | D | | |
| | | E | | |
| | | F | | |
| | | G | | |
| | | H | | |
| | | I | | |

PERMANENT IMPACTS: 720 S.F.
TEMPORARY IMPACTS: 12 S.F.
TOTAL IMPACTS: 732 S.F.

| SEGMENT | DIMENSIONS |
|---------|------------|
| A | 84' x 4' |
| B | 96' x 4' |
| C | 3' x 4' |

PLAN VIEW

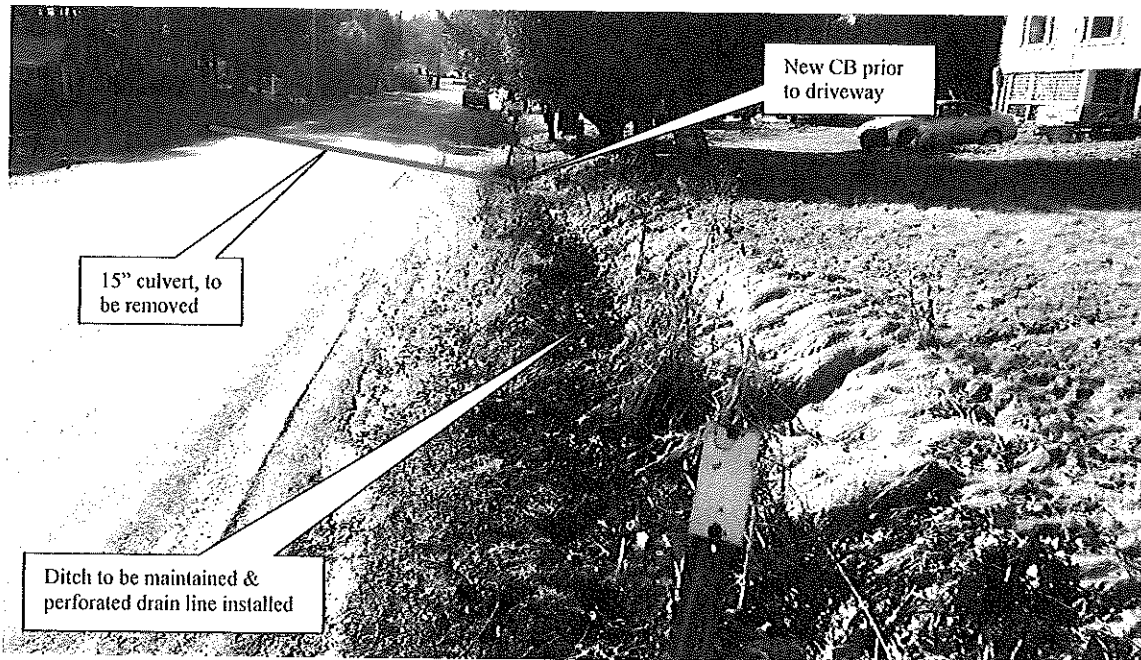


Figure 1: Looking south east.

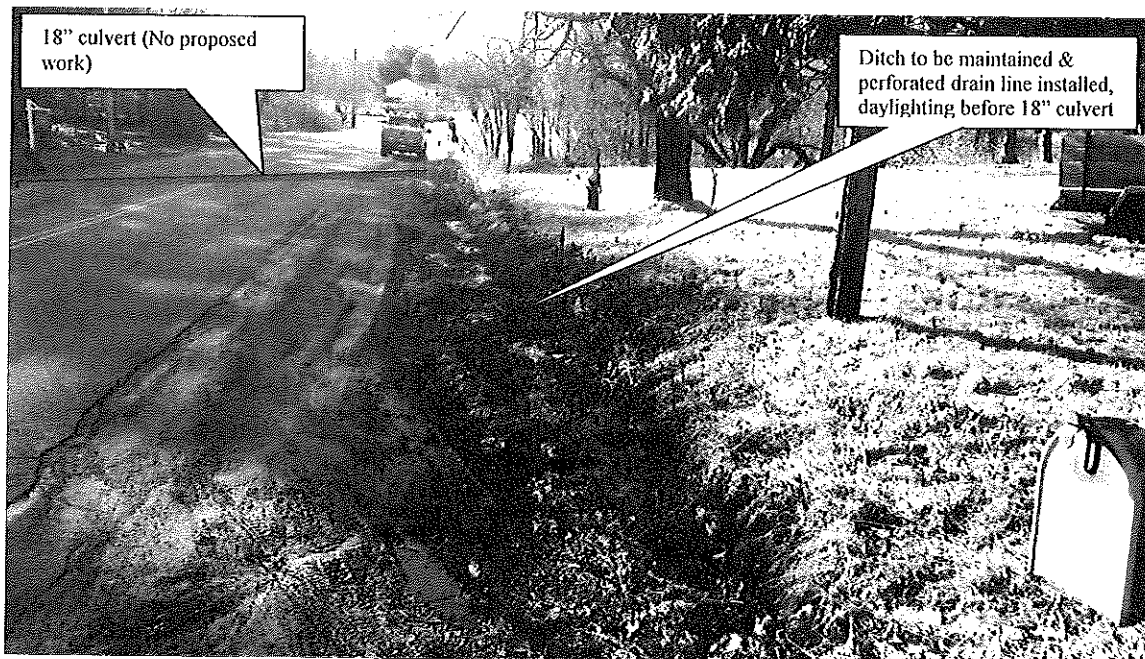


Figure 2: Looking south east.



New Hampshire Natural Heritage Bureau

To: Chris Turgeon
8 Eastman Hill Road
Enfield, NH 03748

Date: 5/27/2016

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 5/27/2016

VALID ONLY FOR NOTIFICATION OR MINIMUM EXPEDITED APPLICATIONS SUBMITTED TO
THE NHDES WETLANDS BUREAU

NHB File ID: NHB16-1700

Applicant: Chris Turgeon

Location: Tax Map(s)/Lot(s):
Enfield

Project Description: Remove an existing 12" culvert, install catch basin and
perforated drain line

The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 5/26/2017.



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB16-1700

